

P9X79 WS Memory Qualified Vendors List (QVL)

DDR3 1333 MHz Capability BIOS Version:4505

DDR3 1333 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
Kingston	KVR13LE9S8/4 (ECC)	4GB	SS	Hynix	H5TC4G83MFR PBA 143WS	9-9-9-24	1.35	•	•	•	•

*The ECC module only support when using Xeon processor.

DDR3 1333 MHz Capability BIOS Version:4404

DDR3 1333 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
Team	TED34GM1333C9BK	4GB	DS	Hynix	H5TQ2GB83CFR	9-9-9-24	1.5	•	•	•	•
Team	TED38GM1333C9BK	8GB	DS	Hynix	H5TQ4G83AFR	9-9-9-24	1.5	•	•	•	•
UMAX	84E44G93UM-13BPSYW	4GB	SS	UMAX	U2S96D30TP-13	1333-9-9-9-24	-	•	•	•	•
UMAX	84E48G93UM-13BPSYW	8GB	DS	UMAX	U2S96D30TP-13	1333-9-9-9-24	-	•	•	•	•

DDR3 1600 MHz Capability BIOS Version:4404

DDR3 1600 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	ADDU1600W4G11-B	4GB	SS	A-DATA	DWND-1211A	9-9-9-24	-	•	•	•	•
A-DATA	ADDU1600W8G11-B	8GB	DS	ELPIDA	J4208EBBG-GN-F	9-9-9-24	-	•	•	•	•
A-DATA	AX3U1600W4G9-DB(XMP)	8GB (2x 4GB)	SS	-	-	9-9-9-24	1.5	•	•	•	•
A-DATA	AX3U1600W8G9-DB(XMP)	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5	•	•	•	•
CORSAIR	CMZ16GX3M4X1600C9 (Ver8.16)(XMP)	16GB (4x 4GB)	DS	-	-	1600-9-9-9-24	1.5	•	•	•	•
Crucial	BLS4G3D1609DS1S00.16FMR(X MP)	4GB	DS	-	-	1600-9-9-9-24	1.5	•	•		
Patriot	PV316G160C9K(XMP)	16GB (2x 4GB)	SS	-	-	1600-9-9-9-24	1.5	•	•	•	
Patriot	PV316G160C9K(XMP)	16GB (2x 8GB)	SS	-	-	1600-9-9-9-24	1.5	•	•	•	
SanMax	SMD-4G28N1P-16KM	4GB	SS	ELPIDA	J4208BBBG-GN-F	1600	-	•	•	•	•
SanMax	SMD-8G28NP-16KM	8GB	DS	ELPIDA	J4208BBBG-GN-F	1600	-	•	•	•	•
Silicon Power	SP004GXLYU160NSA(XMP)	4GB	SS	-	-	1600-9-9-9-27	-	•	•		
Silicon Power	SP008GXLYU160NSA(XMP)	8GB	DS	-	-	1600-9-9-9-27	-	•	•		
Team	TED34GM1600C11BK	4GB	DS	Hynix	H5TC2G83EFR	11-11-11-28	1.5	•	•	•	•

Team	TED38GM1600C11BK	8GB	DS	Hynix	H5TQ4G83AFR	11-11-11-28	1.5	•	•	•	•
Team	TLD34G1600HC9BK(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•	•
Team	TLD38G1600HC9BK(XMP)	16GB (2x 8GB)	DS	-	-	9-9-9-24	1.5	•	•	•	•
UMAX	84E44G93UM-16BPSYW	4GB	SS	UMAX	U2S96D30TP-16	1600-11-11-11-28	-	•	•	•	•
UMAX	84E48G93UM-16BPSYW	8GB	DS	UMAX	U2S96D30TP-16	1600-11-11-11-28	-	•	•	•	•

DDR3 1866 MHz Capability BIOS Version:4404

DDR3 1866 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
CORSAIR	CMZ16GX3M2A1866C9(XMP)	16GB (2x 8GB)	DS	-	-	1866-9-10-9-27	1.5	•	•		
Critical	BLE8G3D1869DE1TX0.16FED(XMP)	16GB (2x 8GB)	DS	-	-	1866-9-9-9-27	1.5	•	•		
G.SKILL	F3-1866C10Q2-64GZM(XMP)	64GB (2x 8GB)	DS	-	-	10-11-10-30	1.5	•	•	•	•
G.SKILL	F3-1866C10Q2-64GZM(XMP)	64GB (2x 8GB)	DS	-	-	10-11-10-30	1.5	•	•	•	•
GEIL	GEEL316GB1866C9DC(XMP)	16GB (2x 8GB)	DS	-	-	1866-9-10-9-28	1.65	•	•		
Silicon Power	SP004GXLYU186NSA(XMP)	4GB	SS	-	-	1866-9-11-9-27	-	•	•		
Silicon Power	SP008GXLYU186NSA(XMP)	8GB	DS	-	-	1866-9-11-9-27	-	•	•		
Team	TLD34G1866HC9KBK(XMP)	8GB (2x 4GB)	DS	-	-	9-11-9-27	1.5	•	•	•	•
Team	TLD38G1866HC10SBK(XMP)	16GB (2x 8GB)	DS	-	-	10-11-10-30	1.5	•	•	•	•

DDR3 2133 MHz Capability BIOS Version:4404

DDR3 2133 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AX3U2133W4G10-DR(XMP)	8GB (2x 4GB)	SS	-	-	10-11-11-30	1.65	•	•	•	•
A-DATA	AX3U2133W8G10-DR(XMP)	16GB (2x 8GB)	DS	-	-	10-11-11-30	1.65	•	•	•	•
Silicon Power	SP004GXLYU213NSA(XMP)	4GB	SS	-	-	2133-11-12-11-30	-	•	•		
Silicon Power	SP008GXLYU213NSA(XMP)	8GB	DS	-	-	2133-11-12-11-30	-	•	•		
Team	TLD34G2133HC11ABK(XMP)	8GB (2x 4GB)	DS	-	-	11-11-11-31	1.65	•	•	•	•
Team	TLD38G2133HC11ABK(XMP)	16GB (2x 8GB)	DS	-	-	11-11-11-31	1.65	•	•	•	•
Transcend	TX2133KLH-16GK(XMP)	16GB (2x 8GB)	DS	-	-	2133-10-11-10-27	1.6	•	•	•	
Transcend	TX2133KLN-8GK(XMP)	8GB (2x 4GB)	DS	-	-	2133-10-11-10-27	1.6	•	•	•	•

DDR3 2400 MHz Capability BIOS Version:4404

DDR3 2400 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AX3U2400W4G11-DMV(XMP)	8GB (2x 4GB)	SS	-	-	11-13-13-35	1.65	•	•	•	•
A-DATA	AX3U2400W8G11-DMV(XMP)	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65	•	•	•	
KINGSTON	KHX24C11T3K2/16X(XMP)	16GB (2x 8GB)	DS	-	-	2400-11-13-13-32	1.65	•			
KINGSTON	KHX24C11T3K4(XMP)	16GB (4x 4GB)	DS	-	-	2400-11-13-13-30	1.65	•	•		
Mushkin	997122R(XMP)	16GB (2x 8GB)	DS	-	-	2400-10-12-12-28	1.65	•	•		
Silicon Power	SP004GXLYU240NSA(XMP)	4GB	SS	-	-	2400-11-13-13-32	-	•	•		
Team	TXD34G2400HC10QBK(XMP)	8GB (2x 4GB)	DS	-	-	10-12-12-31	1.65		•		
Team	TXD38G2400HC10QBK(XMP)	16GB (2x 8GB)	DS	-	-	10-12-12-31	1.65	•	•		
Transcend	TX2400KLN-8GK(XMP)	8GB (2x 4GB)	DS	-	-	2400-11-12-11-29	1.6	•	•		

DDR3 2666 MHz Capability BIOS Version:4404

DDR3 2666 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
KINGSTON	KHX26C11T2K2/8X(XMP)	8GB (2x 4GB)	SS	-	-	2666-11-13-13-32	1.65	•			
Team	TXD38G2666HC11CBK(XMP)	16GB (2x 8GB)	DS	-	-	11-13-13-35	1.65	•	•		

DDR3 1333 MHz Capability BIOS Version:3401

DDR3 1333 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
Virtium	VL31B5263A-K9M	4GB	DS	Micron	D9PSF	9-9-9-24	1.5	•	•	•	•

DDR3 1333 MHz Capability BIOS Version:3401

DDR3 1333 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	2 DIMM	4 DIMM	6 DIMM	8 DIMM
Transcend	TS512MLK72V3N	4GB	DS	Micron	D9LGK	9-9-9-24	1.5	•	•	•	•

DDR3 1600 MHz Capability BIOS Version:1202

DDR3 1600 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
Apacer	78.A1GEB.AF20C(ECC)	2GB	DS	Hynix	H5TQ2G83CFR-P8C	11-11-11-28	1.5	•	•	•	•
Apacer	78.B1GEB.AF30C(ECC)	4GB	DS	Hynix	H5TQ2G83CFR-P8C	11-11-11-28	1.5	•	•	•	•
Apacer	78.C1GER.AT30C(ECC)	8GB	DS	Hynix	R5TQ4GB3MFA P8C	11-11-11-28	1.5	•	•	•	•

*The ECC module only support when using Xeon processor.

DDR3 1600 MHz Capability BIOS Version:1104

DDR3 1600 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
Avant	AVF7256U64F1600G6-MTMBP(ECC)	2GB	DS	MICRON	D9PFJ	11-11-11-28	1.5	•	•	•	•
Avant	AVF7251U64F1600G9-MTMBP(ECC)	4GB	DS	MICRON	D9PFJ	11-11-11-28	1.5	•	•	•	•
Avant	AVF721GU67F1600G9-MTDBP(ECC)	8GB	DS	MICRON	D9PCP	11-11-11-28	1.5	•	•	•	•

*The ECC module only support when using Xeon processor.

DDR3 2133(O.C) MHz Capability BIOS Version:0903

DDR3 2133 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
KINGSTON	KHX2133C11D3K4/16GX(XMP)	4GB	DS	-	-	11-12-11-30	1.65	•	•	•	•

DDR3 2400(O.C) MHz Capability BIOS Version:0503

DDR3 2400 Qualified Vendors List (QVL)											
Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AX3U2400GC4G10(XMP)	4GB	DS	-	-	10-11-10-30	1.65	•			

G.SKILL	F3-19200CL9D-4GBPIS(XMP)	4G (2x 2G)	DS	-	-	9-11-9-28	1.65	•	•
Transcend	TX2400KLU-4GK (381850)(XMP)	2GB	DS	-	-	-	1.65	•	•

DDR3 2200(O.C) MHz Capability BIOS Version:0503

DDR3 2200 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
G.SKILL	F3-17600CL7D-4GBFLS(XMP)	4G (2x 2G)	DS	-	-	7-10-10-28	1.65	•	•		
GEIL	GET34GB2200C9DC(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-28	1.65	•	•	•	•
KINGMAX	FLKE85F-B8KJAA-FEIS(XMP)	4GB (2x 2GB)	DS	Kingmax	N/A	-	-	•			

DDR3 2133(O.C) MHz Capability BIOS Version:0503

DDR3 2133 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	8154A 1044(XMP)	2GB	SS	-	-	9-9-9-24	1.55-1.75	•	•	•	
A-DATA	AX3U2133C2G9B(XMP)	2GB	SS	-	-	9-11-9-27	1.55~1.75	•	•		
Apacer	78.BAGE4.AFD0C(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	-	•	•		
CORSAIR	CMT4GX3M2A2133C9(XMP)	4GB (2x 2GB)	DS	-	-	9-10-9-24	1.65	•	•	•	
CORSAIR	CMT4GX3M2B2133C9(Ver7.1)(XMP)	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	•		•	
G.SKILL	F3-17000CL9Q-16GBXLD(XMP)	16GB (4x 4GB)	DS	-	-	9-11-9-28	1.65	•	•	•	•
G.SKILL	F3-17066CL9D-8GBPID(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.65	•	•	•	
GEIL	GE34GB2133C9DC(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-28	1.65	•			
KINGSTON	KHX2133C9AD3T1K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•			
KINGSTON	KHX2133C9AD3T1K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.65	•	•		
KINGSTON	KHX2133C9AD3W1K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.65	•	•	•	
KINGSTON	KHX2133C9AD3X2K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.65	•	•	•	•
KINGSTON	KHX2133C9AD3X2K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.65	•	•	•	
KINGSTON	KHX2133C9AD3T1FK4/8GX(XMP)	8GB (4x 2GB)	DS	-	-	9	1.65	•	•	•	•
Patriot	PVV34G2133C9K(XMP)	4GB (2x 2GB)	DS	-	-	9-11-9-27	1.66	•	•	•	•

DDR3 2000(O.C) MHz Capability BIOS Version:0503

DDR3 2000 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AX3U2000GB2G9B(XMP)	2GB	DS	-	-	9-11-9-27	1.55~1.75	•	•	•	•
Apacer	78.AAGD5.9KD(XMP)	6GB(3 x 2GB)	DS	-	-	9-9-9-27	-	•	•	•	
CORSAIR	CMT6GX3M3A2000C8(XMP)	6GB (3x 2GB)	DS	-	-	8-9-8-24	1.65	•	•	•	
G.SKILL	F3-16000CL9D-4GBRH(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	•	•		
G.SKILL	F3-16000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	•	•		
GEIL	GUP34GB2000C9DC(XMP)	4GB (2x 2GB)	DS	-	-	9-9-9-28	1.65	•	•	•	
KINGSTON	KHX2000C9AD3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•		
Transcend	TX2000KLN-8GK (388375)(XMP)	4GB	DS	-	-	-	1.6	•	•		

Patriot	PV736G2000ELK(XMP)	6GB (3x 2GB)	DS	-	-	7-7-7-20	1.65	•
---------	--------------------	----------------	----	---	---	----------	------	---

DDR3 1866(O.C) MHz Capability BIOS Version:0503

DDR3 1866 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AX3U1866GC2G9B(XMP)	2GB	SS	-	-	9-11-9-27	1.55~1.75	•	•	•	
A-DATA	AX3U1866GC4G9B(XMP)	4GB	DS	-	-	9-11-9-27	1.55~1.75	•	•	•	
CORSAIR	CMZ8GX3M2A1866C9(XMP)	8GB (2x 4GB)	DS	-	-	9-10-9-27	1.5	•	•		
G.SKILL	F3-14900CL9Q-16GBXL(XMP)	16GB (4x 4GB)	DS	-	-	9-10-9-28	1.5	•	•	•	
G.SKILL	F3-15000CL9D-4GBTD(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.65	•	•		
G.SKILL	F3-14900CL9D-8GBSR(XMP)	8GB (2x 4GB)	DS	-	-	9-10-9-28	1.5	•	•	•	•
G.SKILL	F3-14900CL9Q-8GBFLD(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.6	•	•		
KINGSTON	KHX1866C9D3T1K3/3GX(XMP)	3GB (3x 1GB)	SS	-	-	-	1.65	•	•		
Patriot	PXD34G1866ELK(XMP)	4GB (2x 2GB)	SS	-	-	9-9-9-24	1.65	•	•	•	•
Patriot	PXD38G1866ELK(XMP)	8GB (2x 4GB)	DS	-	-	9-11-9-27	1.65	•	•	•	•
Team	TXD32048M1866C9(XMP)	2GB	DS	Team	T3D1288RT-16	9-9-9-24	1.65	•	•	•	•

DDR3 1800(O.C) MHz Capability BIOS Version:0503

DDR3 1800 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
G.SKILL	F3-14400CL9D-4GBRL(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.6	•	•		

DDR3 1600 MHz Capability BIOS Version:0701

DDR3 1600 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AM2U16BC2P1	2GB	SS	A-DATA	3CCD-1509A	-	-	•	•	•	•
A-DATA	AM2U16BC4P2	4GB	DS	A-DATA	3CCD-1509A	-	-	•	•	•	•
A-DATA	AX3U1600GC4G9(XMP)	4GB	DS	-	-	-	1.55~1.75	•	•	•	•
A-DATA	AX3U1600PC4G8(XMP)	4GB	DS	-	-	8-8-8-24	1.55~1.75	•	•	•	•
CORSAIR	HX3X12G1600C9(XMP)	12GB (6x 2GB)	DS	-	-	9-9-9-24	1.6	•	•	•	
CORSAIR	CMZ16GX3M4A1600C9(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•	
CORSAIR	CMG4GX3M2A1600C6	4GB (2x 2GB)	DS	-	-	6-6-6-18	1.65	•	•	•	
CORSAIR	CMD4GX3M2B1600C8	4GB(2x 2GB)	DS	-	-	8-8-8-24	1.65	•	•		
CORSAIR	CMP6GX3M3A1600C8(XMP)	6GB (3x 2GB)	DS	-	-	8-8-8-24	1.65	•	•	•	
CORSAIR	CMP6GX3M3A1600C8(XMP)	6GB (3x 2GB)	DS	-	-	8-8-8-24	1.65	•	•	•	
CORSAIR	CMX6GX3M3C1600C7(XMP)	6GB (3x 2GB)	DS	-	-	7-8-7-20	1.65	•	•	•	
CORSAIR	CMZ8GX3M2A1600C8(XMP)	8GB (2x 4GB)	DS	-	-	8-8-8-24	1.5	•	•		
CORSAIR	CMZ8GX3M2A1600C9(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•	
Crucial	BL12864BN1608.8FF(XMP)	2GB(2x 1GB)	SS	-	-	8-8-8-24	1.65	•	•		

Crucial	BL25664BN1608.16FF(XMP)	2GB	DS	-	-	8-8-8-24	1.65	•	•	•
G.SKILL	F3-12800CL7Q-16GBXH(XMP)	16GB (4x 4GB)	DS	-	-	7-8-7-24	1.6	•	•	•
G.SKILL	F3-12800CL9Q-16GBXL(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-12800CL8D-4GBRM(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.6	•	•	•
G.SKILL	F3-12800CL9D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	9-9-9-24	1.35	•	•	•
G.SKILL	F3-12800CL7D-8GBRH(XMP)	8GB (2x 4GB)	DS	-	-	7-8-7-24	1.6	•	•	•
G.SKILL	F3-12800CL9D-8GBRL(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•
G.SKILL	F3-12800CL9D-8GBSR2(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.25	•	•	•
G.SKILL	F3-12800CL8D-8GBECO(XMP)	8GB (2x4GB)	DS	-	-	8-8-8-24	1.35	•	•	•
GEIL	GET316GB1600C9QC(XMP)	16GB (4x 4GB)	DS	-	-	9-9-9-28	1.6	•	•	•
GEIL	GUP34GB1600C7DC(XMP)	4GB (2x 2GB)	DS	-	-	7-7-7-24	1.6	•	•	•
KINGMAX	FLGD45F-B8MF7(XMP)	1GB	SS	-	-	-	-	•	•	•
KINGSTON	KHX1600C9D3K3/12GX(XMP)	12GB (3x 4GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3T1BK3/12GX(XMP)	12GB (3x 4GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/12GX(XMP)	12GB(3x 4GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3K6/24GX(XMP)	24GB (6x 4GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C8D3K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	8	1.65	•	•	•
KINGSTON	KHX1600C9D3K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3LK2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3X2K2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	-	1.65	•	•	•
KINGSTON	KHX1600C9D3T1K3/6GX(XMP)	6GB (3x 2GB)	DS	-	-	9	1.65	•	•	•
KINGSTON	KHX1600C9D3P1K2/8G	8GB (2x 4GB)	DS	-	-	9	1.5	•	•	•
OCZ	OCZ3BE1600C8LV4GK	4GB(2x 2GB)	DS	-	-	8-8-8	1.65	•	•	•
OCZ	OCZ3X1600LV6GK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8	1.65	•	•	•
OCZ	OCZ3X1600LV6GK(XMP)	6GB(3 x 2GB)	DS	-	-	8-8-8	1.65	•	•	•
Super Talent	WP160UX4G9(XMP)	4GB(2 x 2GB)	DS	-	-	9	-	•	•	•
Super Talent	WB160UX6G8(XMP)	6GB(3 x 2GB)	DS	-	-	-	-	•	•	•
Super Talent	WB160UX6G8(XMP)	6GB(3 x 2GB)	DS	-	-	8	-	•	•	•
Asint	SLZ3128M8-EGJ1D(XMP)	2GB	DS	Asint	3128M8-GJ1D	-	-	•	•	•
EK Memory	EKM324L28BP8-116(XMP)	4GB(2x 2GB)	DS	-	-	9	-	•	•	•
EK Memory	EKM324L28BP8-116(XMP)	4GB(2 x 2GB)	DS	-	-	9	-	•	•	•
GoodRam	GR1600D364L9/2G	2GB	DS	GoodRam	GF1008KC-JN	-	-	•	•	•
KINGTIGER	KTG2G1600PG3(XMP)	2GB	DS	-	-	-	-	•	•	•
Mushkin	996805(XMP)	4GB (2x 2GB)	DS	-	-	6-8-6-24	1.65	•	•	•
Mushkin	998805(XMP)	6GB (3x 2GB)	DS	-	-	6-8-6-24	1.65	•	•	•
Patriot	PX7312G1600LLK(XMP)	12GB (3x 4GB)	DS	-	-	8-9-8-24	1.65	•	•	•
Patriot	PGS34G1600LLKA	4GB(2x 2GB)	DS	-	-	7-7-7-20	1.7	•	•	•
Patriot	PVV38G1600LLK(XMP)	8GB (2x 4GB)	DS	-	-	8-9-8-24	1.65	•	•	•
Patriot	PX538G1600LLK(XMP)	8GB (2x 4GB)	DS	-	-	8-9-8-24	1.65	•	•	•
SanMax	SMD-4G68HP-16KZ	4GB	DS	Hynix	H5TQ2G83BFRPBC	-	1.5	•	•	•
Team	TXD31024M1600C8-D(XMP)	1GB	SS	Team	T3D1288RT-16	8-8-8-24	1.65	•	•	•
Team	TXD32048M1600HC8-D(XMP)	2GB	DS	Team	T3D1288RT-16	8-8-8-24	1.65	•	•	•

DDR3 1333 MHz Capability BIOS Version:0701

DDR3 1333 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
A-DATA	AD6311B0823EV	2GB	SS	A-DATA	3CCA-1509A	-	-	•	•	•	
A-DATA	AXDU1333GC2G9(XMP)	2GB	SS	-	-	9-9-9-24	1.25~1.35	•	•	•	•
A-DATA	AD6311C1624EV	4GB	DS	A-DATA	3CCA-1509A	-	-	•	•	•	•
A-DATA	SU3U1333W8G9(XMP)	8GB	DS	ELPIDA	J4208BASE-DJ-F	-	-	•	•	•	•
Apacer	78.01GC6.9L0	1GB	SS	Apacer	AM5D5808DEJSBG	9	-	•	•		
Apacer	78.A1GC6.9L1	2GB	DS	Apacer	AM5D5808FEQSBB	9	-	•	•	•	•
Apacer	78.B1GDE.9L10C	4GB	DS	Apacer	AM5D5908CEHSBB	9	-	•	•	•	•
CORSAIR	TW3X4G1333C9A	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	•			
CORSAIR	CMX8GX3M2A1333C9(XMP)	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•		
CORSAIR	CMX8GX3M4A1333C9	8GB(4 x 2GB)	DS	-	-	9-9-9-24	1.5	•	•		
Crucial	BL25664BN1337.16FF(XMP)	2GB	DS	-	-	7-7-7-24	1.65	•	•	•	
ELPIDA	EBJ41UF8BCF0-DJ-F	4GB	DS	ELPIDA	J2108BCSE-DJ-F	-	-	•	•	•	•
G.SKILL	F3-10600CL9D-4GBNT	4GB (2x 2GB)	DS	G.SKILL	D3 128M8CE9 2GB	9-9-9-24	1.5	•	•	•	
G.SKILL	F3-10666CL7D-4GBRH(XMP)	4GB(2 x 2GB)	DS	-	-	7-7-7-21	1.5	•	•		
G.SKILL	F3-10666CL8D-4GBECO(XMP)	4GB(2 x 2GB)	DS	-	-	8-8-8-24	1.35	•	•	•	
G.SKILL	F3-10666CL9D-8GBRL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•			
G.SKILL	F3-10666CL9D-8GBRL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•		
G.SKILL	F3-10666CL9D-8GBXL	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•	•
GEIL	GET316GB1333C9QC	16GB (4x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•	
GEIL	GG34GB1333C9DC	4GB (2x 2GB)	DS	GEIL	GL1L128M88BA115F W	9-9-9-24	1.3	•	•		
GEIL	GG34GB1333C9DC	4GB (2x 2GB)	DS	GEIL	GL1L128M88BA15B	9-9-9-24	1.3	•	•	•	
GEIL	GVP34GB1333C9DC	4GB (2x 2GB)	DS	-	-	9-9-9-24	1.5	•	•	•	
GEIL	GB34GB1333C7DC	4GB(2 x 2GB)	DS	GEIL	GL1L128M88BA15FW	7-7-7-24	1.5	•	•		
GEIL	GVP38GB1333C9DC	8GB (2x 4GB)	DS	-	-	9-9-9-24	1.5	•	•	•	•
GEIL	GVP38GB1333C7QC	8GB (4x 2GB)	DS	-	-	7-7-7-24	1.5	•			
Hynix	HMT112U6TFR8A-H9	1GB	SS	Hynix	H5TC1G83TFR	-	-	•	•	•	
Hynix	HMT325U6BFR8C-H9	2GB	SS	Hynix	H5TQ2G83BFR	-	-	•	•	•	•
Hynix	HMT125U6BFR8C-H9	2GB	DS	Hynix	H5TQ1G83BFRH9C	9	-	•	•	•	
Hynix	HMT125U6TFR8A-H9	2GB	DS	Hynix	H5TC1G83TFR	-	-	•	•	•	•
KINGMAX	FLFE85F-C8KL9	2GB	SS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	•	•	•	•
KINGMAX	FLFE85F-C8KM9	2GB	SS	Kingmax	KFC8FNMXF-BXX- 15A	-	-		•	•	
KINGMAX	FLFE85F-B8KL9	2GB	DS	KINGMAX	KFB8FNLXL-BNF-15A	-	-	•	•		
KINGMAX	FLFF65F-C8KL9	4GB	DS	KINGMAX	KFC8FNLXF-DXX-15A	-	-	•	•	•	
KINGMAX	FLFF65F-C8KM9	4GB	DS	Kingmax	KFC8FNMXF-BXX- 15A	-	-	•	•	•	
KINGSTON	KVR1333D3N9/1G	1GB	SS	Elpida	J1108BDSE-DJ-F	9	1.5	•			
KINGSTON	KVR1333D3S8N9/2G	2GB	SS	Micron	IFD77 D9LGK	-	1.5				•

KINGSTON	KVR1333D3N9/2G	2GB	DS	Kingston	D1288JPNDPLD9U	9	1.5	•	•	•	•
KINGSTON	KHX1333C9D3UK2/4GX(XMP)	4GB (2x 2GB)	DS	-	-	9	1.25	•			
KINGSTON	KVR1333D3N9K2/4G	4GB (2x 2GB)	DS	KINGSTON	D1288JEMFPGD9U	-	1.5	•	•	•	•
KINGSTON	KVR1333D3E9S/4G	4GB	DS	Elpida	J2108ECSE-DJ-F	9	1.5	•	•	•	•
MICRON	MT4JTF12864AZ-1G4D1	1GB	SS	Micron	D9LGQ	-	-	•	•	•	•
MICRON	MT8JTF25664AZ-1G4D1	2GB	SS	Micron	D9LGK	-	-	•	•	•	•
MICRON	MT8JTF25664AZ-1G4D1	2GB	SS	Micron	D9LGK	-	-	•	•	•	•
MICRON	MT8JTF25664AZ-1G4M1	2GB	SS	MICRON	D9PFJ	-	-	•	•	•	•
MICRON	MT16JTF51264AZ-1G4D1	4GB	DS	Micron	D9LGK	-	-	•	•	•	•
OCZ	OCZ3P1333LV3GK	3GB(3 x 1GB)	SS	-	-	7-7-7	1.65	•	•	•	•
OCZ	OCZ3G1333LV4GK	4GB (2x 2GB)	DS	-	-	9-9-9	1.65	•			
OCZ	OCZ3P1333LV4GK	4GB(2 x 2GB)	DS	-	-	7-7-7	1.65	•			
OCZ	OCZ3G1333LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•	•		
OCZ	OCZ3RPR1333C9LV8GK	8GB (2x 4GB)	DS	-	-	9-9-9	1.65	•			
PSC	PC310600U-9-10-B0	2GB	DS	PSC	A3P1GF3FGF	-	-	•	•	•	•
SAMSUNG	M378B2873EH1-CH9	1GB	SS	SAMSUNG	K4B1G0846E	-	-	•	•	•	•
SAMSUNG	M378B2873FHS-CH9	1GB	SS	SAMSUNG	K4B1G0846F	-	-	•	•	•	•
SAMSUNG	M378B5773DH0-CH9	2GB	SS	SAMSUNG	K4B2G08460	-	-	•	•	•	•
SAMSUNG	M378B5673FH0-CH9	2GB	DS	SAMSUNG	K4B1G0846F	-	-	•	•	•	•
SAMSUNG	M378B5273BH1-CH9	4GB	DS	SAMSUNG	K4B2G0846B-HCH9	9	-	•	•	•	•
SAMSUNG	M378B5273CH0-CH9	4GB	DS	SAMSUNG	K4B2G0846C	K4B2G0846C	-	•	•	•	•
SAMSUNG	M378B5273DH0-CH9	4GB	DS	SAMSUNG	K4B2G08460	-	-	•	•	•	•
SAMSUNG	M378B1G73AH0-CH9	8GB	DS	SAMSUNG	K4B4G0846A-HCH9	-	-	•	•	•	•
Transcend	JM1333KLN-2G (582670)	2GB	SS	Micron	ICD77 C9LGK	-	-	•	•		
Transcend	JM1333KLN-2G	2GB	SS	Transcend	TK483PCW3	-	-	•	•	•	•
Transcend	TS256MLK64V3N (585541)	2GB	SS	Micron	ICD77 D9LGK	9	-	•	•	•	•
Transcend	TS256MLK64V3N (566577)	2GB	SS	Hynix	H5TQ2G83BFR	9	-	•	•	•	•
Transcend	TS256MLK64V3N (574206)	2GB	SS	Micron	D9LGK	9	-	•	•	•	•
Transcend	JM1333KLN-4G	4GB	DS	Transcend	TK483PCW3	-	-	•	•	•	•
Transcend	TS512MLK64V3N (585538)	4GB	DS	Micron	IED27 D9LGK	9	-	•	•	•	•
Transcend	TS512MLK64V3N (574831)	4GB	DS	Micron	D9LGK	9	-	•	•	•	•
ACTICA	ACT1GHU64B8F1333S	1GB	SS	SAMSUNG	K4B1G0846F	-	-	•	•	•	•
ACTICA	ACT1GHU72C8G1333S	1GB	SS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•	•
ACTICA	ACT2GHU64B8G1333M	2GB	DS	Micron	D9KPT	-	-	•	•	•	•
ACTICA	ACT2GHU64B8G1333S	2GB	DS	SAMSUNG	K4B1G0846F	-	-	•	•	•	•
ACTICA	ACT2GHU72D8G1333M	2GB	DS	Micron	D9KPT(ECC)	-	-	•	•	•	•
ACTICA	ACT2GHU72D8G1333S	2GB	DS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•	•
ACTICA	ACT4GHU64B8H1333H	4GB	DS	Hynix	H5TQ2G83AFR	-	-	•	•	•	•
ACTICA	ACT4GHU72D8H1333H	4GB	DS	Hynix	H5TQ2G83AFR(ECC)	-	-	•	•	•	•
ATP	AQ56M72E8BJH9S	2GB	DS	SAMSUNG	K4B1G0846F(ECC)	-	-	•	•	•	•
ATP	AQ12M72E8BKH9S	4GB	DS	SAMSUNG	K4B2G0846C(ECC)	-	-	•	•	•	•
BUFFALO	D3U1333-1G	1GB	SS	Elpida	J1108BFBG-DJ-F	-	-	•	•	•	•
BUFFALO	D3U1333-2G	2GB	DS	Elpida	J1108BFBG-DJ-F	-	-	•	•	•	•
BUFFALO	D3U1333-4G	4GB	DS	NANYA	NT5CB256M8BN-CG	-	-	•	•	•	•
EK Memory	EKM324L28BP8-I13	4GB(2 x 2GB)	DS	-	-	9	-	•	•	•	•
Elixir	M2F2G64CB88B7N-CG	2GB	SS	Elixir	N2CB2G808N-CG	-	-	•	•	•	•

Elixir	M2F2G64CB88D7N-CG	2GB	SS	Elixir	M2CB2G8BDN-CG	-	-	•	•	•	•
Elixir	M2F4G64CB8HB5N-CG	4GB	DS	Elixir	N2CB2G808N-CG	-	-	•	•		
Elixir	M2F4G64CB8HD5N-CG	4GB	DS	Elixir	M2CB2G8BDN-CG	-	-	•	•	•	•
GoodRam	GR1333D364L9/2G	2GB	DS	Qimonda	IDSH1G-03A1F1C-13H	-	-	•	•	•	
KINGTIGER	F10DA2T1680	2GB	DS	KINGTIGER	KTG1333PS1208NST-C9	-	-	•	•	•	
KINGTIGER	KTG2G1333PG3	2GB	DS	-	-	-	-	•	•	•	
Patriot	PSD32G13332	2GB	DS	Prriot	PM128M8D3BU-15	9	-	•	•		
Patriot	PGS34G1333LLKA	4GB(2 x 2GB)	DS	-	-	7-7-7-20	1.7	•	•	•	•
Patriot	PG38G1333EL(XMP)	8GB	DS	-	-	-	1.5	•	•	•	•
RiDATA	C304627CB1AG22Fe	2GB	DS	RiDATA	C304627CB1AG22Fe	9	-	•	•		
RiDATA	E304459CB1AG32Cf	4GB	DS	RiDATA	E304459CB1AG32Cf	9	-	•	•		
SanMax	SMD4G68H1P-13HZ	4GB	DS	Hynix	H5TQ2G83BFRH9C	-	1.5	•	•	•	•
Silicon Power	SP001GBLTE133S01	1GB	SS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•	•
Silicon Power	SP001GBLTU133S01	1GB	SS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•	•
Silicon Power	SP001GBLTU133S02	1GB	SS	S-POWER	10YT3E5	9	-	•	•	•	•
Silicon Power	SP002GBLTE133S01	2GB	DS	NANYA	NT5CB128M8AN-CG	-	-	•	•	•	•
Silicon Power	SP002GBLTU133S02	2GB	DS	S-POWER	10YT3E0	9	-	•	•	•	•
Team	TXD31024M1333C7(XMP)	1GB	SS	Team	T3D1288LT-13	7-7-7-21	1.75	•	•		
Team	TXD31048M1333C7-D(XMP)	1GB	SS	Team	T3D1288LT-13	7-7-7-21	1.75	•	•		
Team	TXD32048M1333C7-D(XMP)	2GB	DS	Team	T3D1288LT-13	7-7-7-21	1.5-1.6	•	•		

DDR3 1067 MHz Capability BIOS Version:0701

DDR3 1067 Qualified Vendors List (QVL)

Vendors	Part No.	Size	SS/DS	Chip Brand	Chip NO.	Timing	Voltage	DIMM socket support (Optional)			
								2 DIMM	4 DIMM	6 DIMM	8 DIMM
GEIL	GG34GB1066C8DC	4GB (2x 2GB)	DS	GEIL	GL1L128M88BA115FW	8-8-8-20	1.3		•		
GEIL	GG34GB1066C8DC	4GB (2x 2GB)	DS	GEIL	GL1L128M88BA15B	8-8-8-20	1.3	•	•	•	
Hynix	HMT112U6AFP8C-G7N0	1GB	SS	HYNIX	H5TQ1G83AFP7C	7	-	•	•	•	
Hynix	HYMT112U64ZNF8-G7	1GB	SS	HYNIX	HY5TQ1G831ZNF7-G7	7	-	•			
Hynix	HYMT125U64ZNF8-G7	2GB	DS	HYNIX	HY5TQ1G831ZNF7-G7	7	-	•	•		
KINGSTON	KVR1066D3N7/2G	2GB	DS	Kingston	D1288JPSFPGD9U	7	1.5	•	•	•	
Kingston	KVR1066D3N7/2G	2GB	DS	Elpida	J1108BDSE-DJ-F	7	1.5	•	•	•	
KINGSTON	KVR1066D3N7K2/4G	4GB (2x 2GB)	DS	KINGSTON	D1288JELDNGD9U	-	1.5	•	•	•	
KINGSTON	KVR1066D3N7/4G	4GB	DS	Elpida	J2108BCSE-DJ-F	7	1.5	•	•	•	
SAMSUNG	M378B5273BH1-CF8	4GB	DS	SAMSUNG	K4B2G0846B-HCF8	8	1.5	•	•	•	

• 2 DIMMs: Supports two (2) modules inserted into either the blue slots or the black slots as one pair of Dual-channel memory configuration. We suggest that you install the modules into slots B1 and D1 for better compatibility.

• 4 DIMMs: Supports four (4) modules inserted into both the blue and black slots as two pairs of Dual-channel memory configuration. We suggest that you install the modules into slots A1/B1/C1/D1 for better compatibility.

- 6 DIMMs: Supports six (6) modules inserted into both the blue and black slots as three pairs of Triple-channel memory configuration. We suggest that you install the modules into slots A1/B1/B2/C1/D1/D2 for better compatibility.
- 8 DIMMs: Supports eight (8) modules inserted into both the blue and black slots as four pairs of Quad-channel memory configuration.

*When installing total memory of 4GB capacity or more, Windows 32-bit operation system may only recognize less than 3GB. Hence, a total installed memory of less than 3GB is recommended.

*The default DIMM frequency depends on its Serial Presence Detect (SPD), which is the standard way of accessing information from a memory module. Under the default state, some memory modules for overclocking may operate at a lower frequency than the vendor-marked value